IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-36 (Canceled).

Claim 37 (Original): A finisher for an image forming apparatus, comprising:

a paper outlet for discharging papers;

a plurality of trays movable up and down independently of each other and including at least an upper tray retractable to a position above said paper outlet and a lower tray retractable to a position below said paper outlet when said upper tray is used;

control means for selectively locating said upper tray or said lower tray at said paper outlet;

lower limit position sensing means responsive to a lower limit position assigned to said lower tray and defined below said paper outlet for allowing said lower tray to be used as a mass discharge tray; and

stand-by position sensing means responsive to a stand-by position assigned to said lower tray as a home position and defined between said paper outlet and said lower limit position;

wherein said control means uses, when a number of papers stacked on said lower tray is great, said lower limit position as said retracted position or uses, when said number is small, said stand-by position as said retracted position.

Claim 38 (Currently Amended): A finisher as claimed in claim 37, wherein said stand-by position sensing means is so positioned as to sense a top of papers stacked on said lower tray, and wherein when said lower ~~trays~~ tray is located at said lower limit position and

if said stand-by position sensing means does not sense the top of papers, said control means determines that a number of papers stacked on said lower tray is small.

Claim 39 (Currently Amended): A finisher as claimed in claim 37, wherein said stand-by position sensing means is so located as to sense a top of papers stacked on said lower tray, and wherein when said lower ~~trays~~ tray is located at said lower limit position and if said stand-by position sensing means does not sense the top of papers due to a removal of said papers, said control means determines that a number of papers stacked on said lower tray is small.

Claim 40 (Original): A finisher as claimed in claim 37, wherein said tray includes an end fence for positioning trailing edges of papers stacked thereon, and wherein relations of $H3 \geq H2$ and $H1 \geq H2 + H3$ hold where H2 is a height of said end fence, H1 is an overall height of said lower tray in a full state, and H3 is a distance which said lower tray moves downward from said stand-by position to said lower limit position.

Claim 41 (Original): A finisher as claimed in claim 40, wherein said stand-by position sensing means bifunctions as full sensing means for sensing the full state of said lower tray.

Claim 42 (New): A finisher for an image forming apparatus, comprising:

a paper outlet for discharging papers;

a plurality of trays movable up and down independently of each other and including at least an upper tray retractable to a position above said paper outlet and a lower tray retractable to a position below said paper outlet when said upper tray is used;

a controller to selectively locate said upper tray or said lower tray at said paper outlet;

a lower limit position sensor responsive to a lower limit position assigned to said lower tray and defined below said paper outlet to allow said lower tray to be used as a mass discharge tray; and

a stand-by position sensor responsive to a stand-by position assigned to said lower tray as a home position and defined between said paper outlet and said lower limit position;

wherein said controller uses, when a number of papers stacked on said lower tray is great, said lower limit position as said retracted position or uses, when said number is small, said stand-by position as said retracted position.

Claim 43 (New): A finisher as claimed in claim 42, wherein said stand-by position sensor is so positioned as to sense a top of papers stacked on said lower tray, and wherein when said lower tray is located at said lower limit position and if said stand-by position sensor does not sense the top of papers, said controller determines that a number of papers stacked on said lower tray is small.

Claim 44 (New): A finisher as claimed in claim 42, wherein said stand-by position sensor is so located as to sense a top of papers stacked on said lower tray, and wherein when said lower tray is located at said lower limit position and if said stand-by position sensor does not sense the top of papers due to a removal of said papers, said controller determines that a number of papers stacked on said lower tray is small.

Claim 45 (New): A finisher as claimed in claim 42, wherein said tray includes an end fence for positioning trailing edges of papers stacked thereon, and wherein relations of $H3 \geq H2$ and $H1 \geq H2 + H3$ hold where H2 is a height of said fence, H1 is an overall height o said

lower tray in a full state, and H3 is a distance which said lower tray moves downward from said stand-by position to said lower limit position.

Claim 46 (New): A finisher as claimed in claim 40, wherein said stand-by position sensor functions as a full sensor to sense the full state of said lower tray.